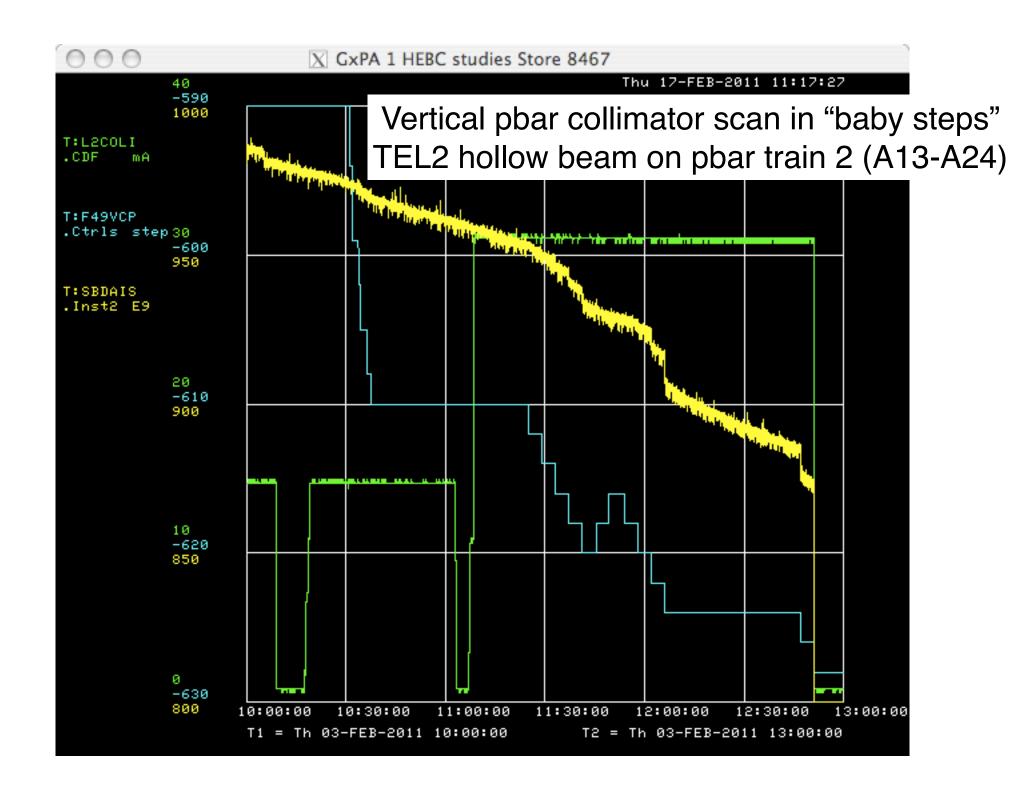
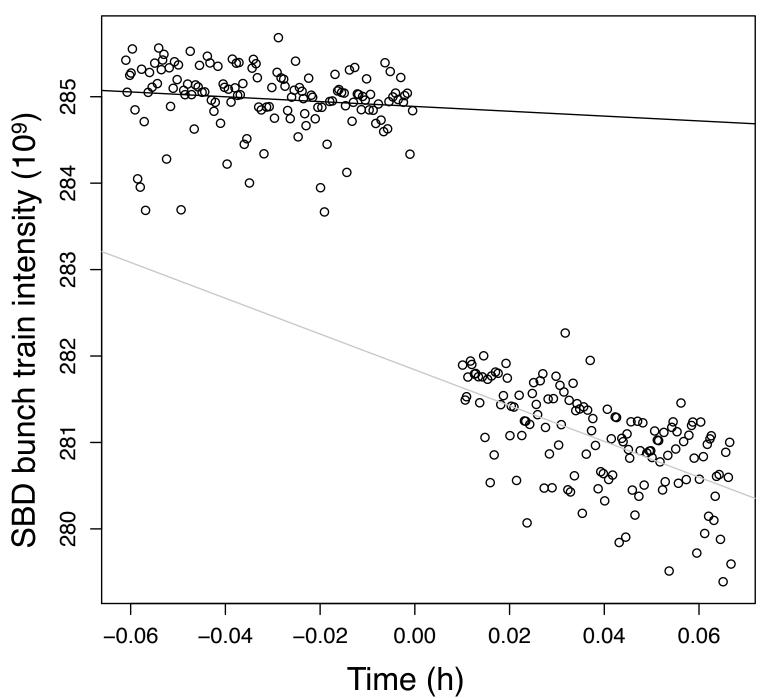
Halo measurements for hollow-beam collimation

Giulio Stancari

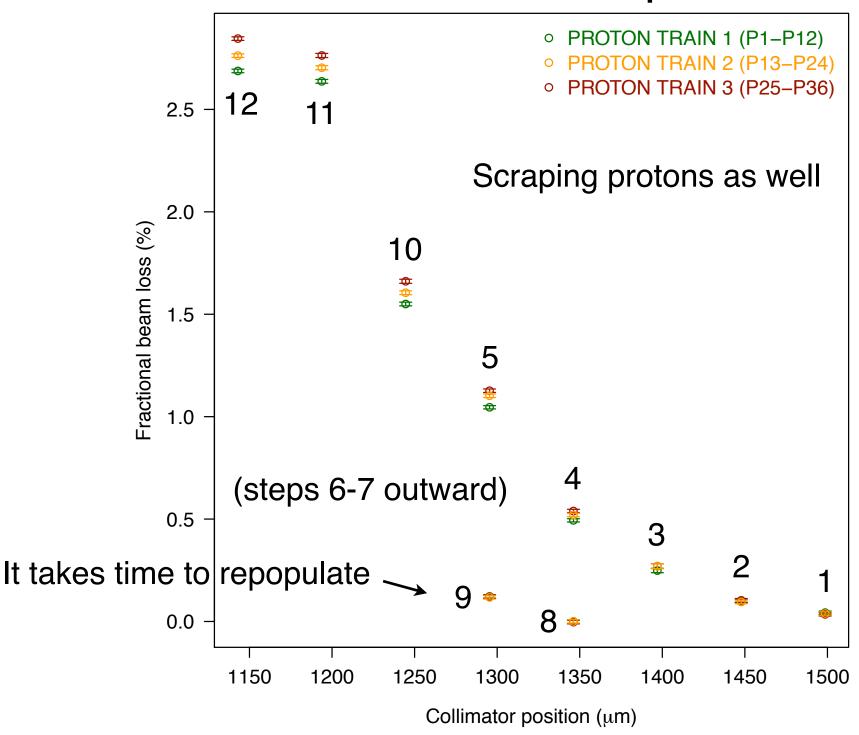
Tevatron Department Meeting February 18, 2011



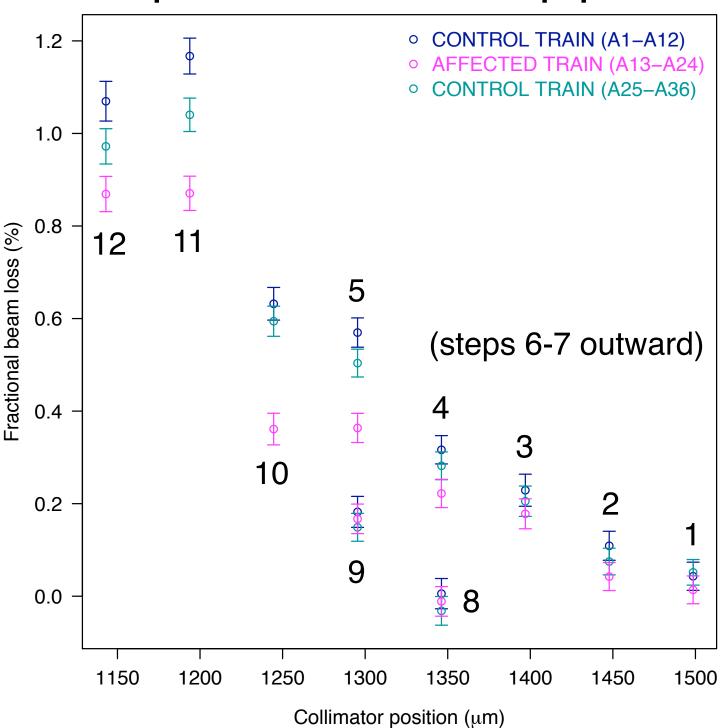
Halo population from beam scraping



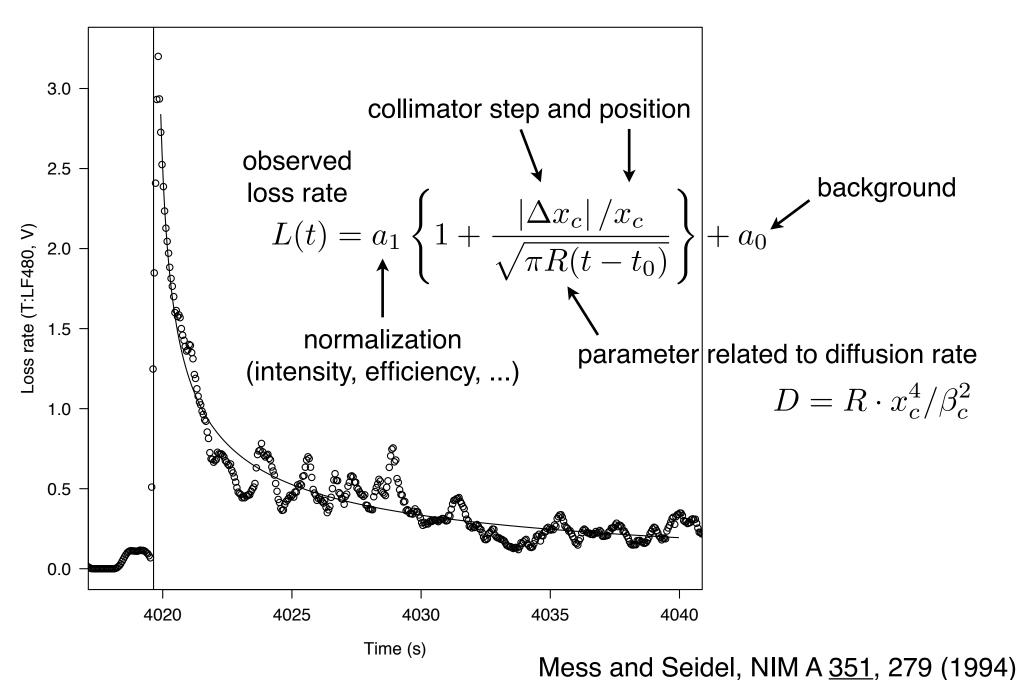
Beam lost at each step

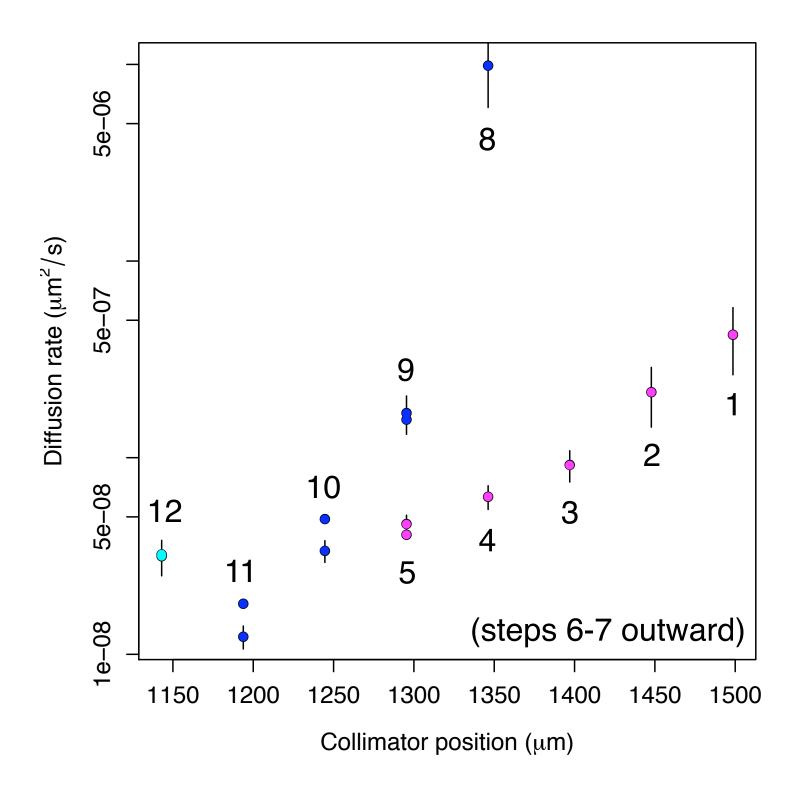


Affected pbar train has lower halo population



Diffusion rate vs. amplitude from time evolution of local losses





Collimator "baby steps" with e-lens on/off done yesterday (EOS 8508). Data being analyzed.

Started looking at effect of HEBC on loss spikes.

Need opportunistic extinction measurement to determine collimator distance from beam axis.

1 transfer at 150 GeV should work.